



MITSUBISHI Photo Suite User Manual

CPK60 Printer

Version 1.1



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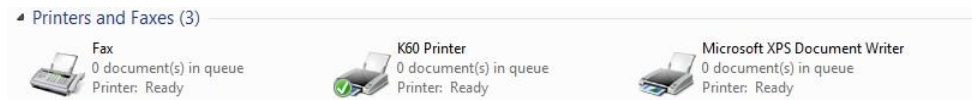
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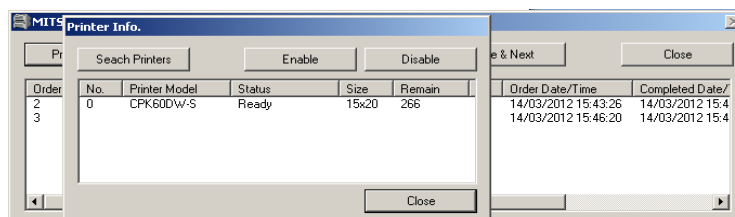
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1. MITSUBISHI Photo Suite

MITSUBISHI Photo Suite is a solution that allows you to print directly to a Mitsubishi K60 printer from your computer. Once the solution has been installed, you can print from any application or from the operating system.

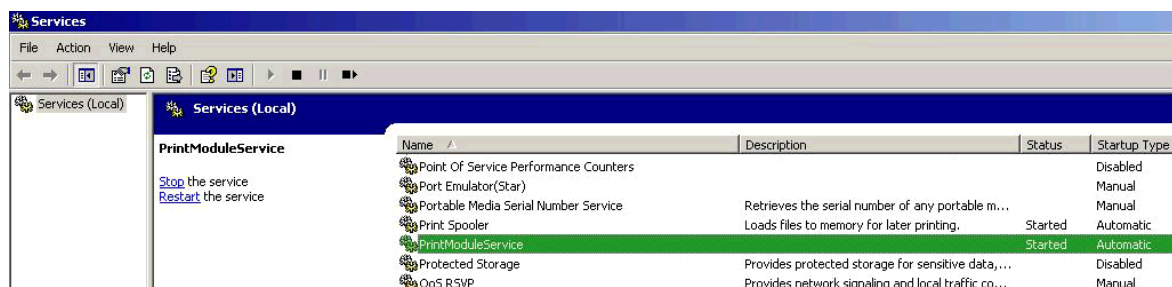


The MITSUBISHI Photo Suite solution is comprised of the “MITSUBISHI PrintModule” and the “Advanced Settings” administration panel. When the PrintModule has been initiated, it can be seen on the Windows toolbar. You can control all the print orders requested from the PrintModule. In addition, you can view the printer status.



If you are unable to locate the “PrintModule” on the toolbar while printing, check that the printer is properly installed and connected.

In the "Advanced Settings" module you can control the "PrintModuleService" which deletes orders already completed. You can also define the interval in minutes during which the completed orders will be deleted.



Users can request a specific number of completed orders to be kept permanently. To prevent that number of completed orders from being deleted, change the “Finished orders to keep” value and then press “Save” to save the changes.



2. System requirements:

MITSUBISHI Photo Suite is compatible with the following operating systems: Windows XP Service Pack 3, Windows Vista, Windows 7.

To install the MITSUBISHI Photo Suite software the user must be the machine administrator or have administrator permits.

Operating system (32-bit, 64-bit)		Minimum system requirements	Recommended system requirements
Processor	Windows XP Service Pack 3	Intel Pentium IV or Celeron Processor	Intel® Core™2 Duo Processor or a later version
	Windows Vista	3 GHz processor	2 GHz processor
	Windows 7	3 GHz processor	2 GHz processor
RAM	Windows XP Service Pack 3	1 GB	2 GB
	Windows Vista	1 GB	4 GB
	Windows 7	1 GB	4 GB
Free space on disk	Windows XP Service Pack 3	500 MB	1 GB
	Windows Vista	2 GB	4 GB
	Windows 7	2 GB	4 GB
CD drive		CD or DVD drive	
Software	Windows XP Service Pack 3	Service Pack 3, .NET Framework 4.0	
	Windows Vista	.NET Framework 4.0	
	Windows 7	.NET Framework 4.0	
Connectivity*	Network support	By sharing Microsoft Windows printers	
	Compatibility with USB	USB 2.0 HS	
	USB cable	Certified USB 2.0 cable with a length of less than 2 metres.	
Other	Adobe Acrobat Reader 5.0 or later version		

3. Printer specifications

Printer resolution: Up to 300 dpi.

Printing formats : 10x15cm / 4x6", 15x20cm / 6x8" and 13x18cm (centred on a 15x20cm) / 5x7" in 6x8".

Printing method: Sublimation.

Finishes: Glossy or Matte.

Colour control: Mitsubishi Electric® ICC profile + custom color curves

Printing speed: In copies per hour, production (cph)*

Printing mode	Glossy	Matte
10x15cm / 6x4"	Up to 316 cph	Up to 220 cph
15x20cm / 6x8"	Up to 162 cph	Up to 117 cph

4. Installation

To install MITSUBISHI Photo Suite you should install the following elements:

- Printer controller.
- Microsoft .NET Framework 4.0 (included with the installer).
- The MITSUBISHI Photo Suite application.

Follow the instructions shown below to completely install the MITSUBISHI Photo Suite solution.

Before continuing to install the MITSUBISHI Photo Suite read the system requirements section carefully and uninstall any previous version.

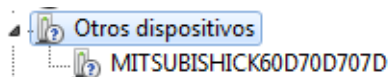
Starting with the Mitsubishi Photo Suite 1.1 version, use the same installer to uninstall the previous versions. During the installation process, the existence of previous versions will be verified and the uninstall process executed.

If a Windows text box appears during the installation process that says "Windows cannot verify the editor of this controller software", select the option "Install this controller software anyway".

Installing the MITSUBISHI Photo Suite' in 32-bit operating systems.

Execute the 'MITSUBISHI Photo Suite' installation assistant. Follow the steps indicated by the assistant. After completing the operation, connect the Mitsubishi K60 printer to a 2.0 USB port in your computer.

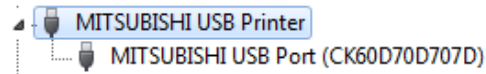
If a message appears saying a New hardware device has been detected, please cancel it. If the printer controller is not installed, the printer will be displayed in the Windows devices administration panel as "Other devices".



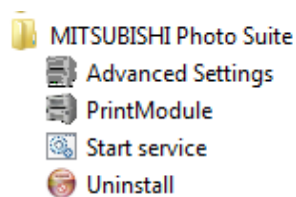
To install the controller execute the "USB Driver Updater" programme which is in the "C:\Program Files\MITSUBISHI Photo Suite\USB Driver\" folder, and select Update.



If the controller is correctly installed, the printer will be displayed in the Windows devices administration panel as "MITSUBISHI USB Printer".



Once the above steps have been completed, the printer will now be installed and ready to use. You will find the application in the Windows home menu, in:



If, once installed, you connect the printer to another 2.0 USB port in your computer, you must reinstall the controller.

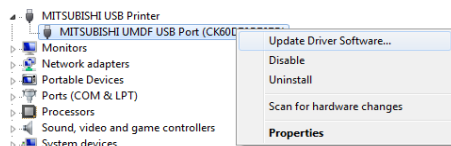
Installing the MITSUBISHI Photo Suite' in 64-bit operating systems.

Execute the 'MITSUBISHI Photo Suite' installation assistant. Follow the steps indicated by the assistant. After completing the operation, connect the Mitsubishi K60 printer to a 2.0 USB port in your computer.

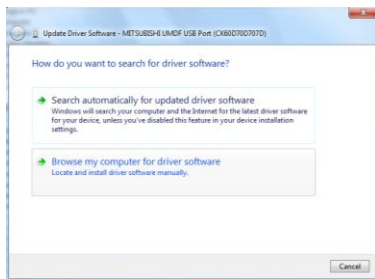
If a message appears saying a "New hardware device" has been detected, please cancel it. To install the printer controller, go to the Windows devices administration panel and locate the device as "USB Printing Support" in "Universal Serial Bus Controllers".



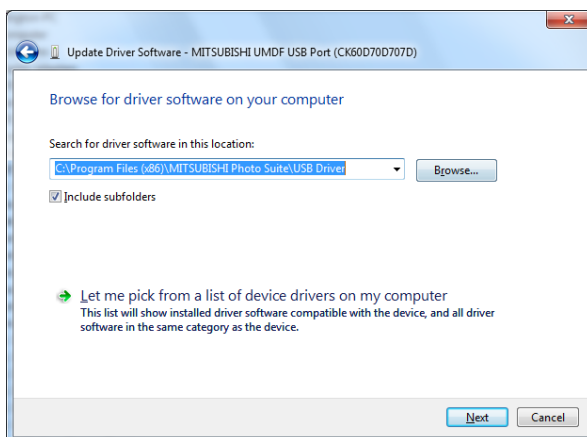
To install the controller select the "USB Printing Support" device and then right-click and select the option "Update controller software".



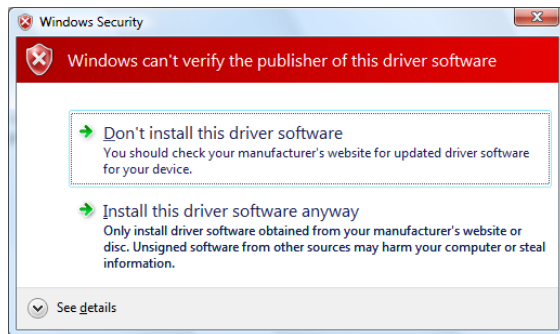
Then select the option "Locate controller software in the equipment".



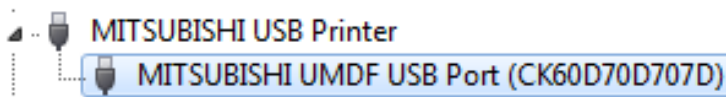
The controller is located in "C:\Program Files (x86)\MITSUBISHI Photo Suite\USB Driver\". Follow the steps indicated by the controller installation assistant.



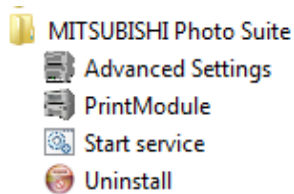
If a Windows text box appears during the installation process that says “Windows cannot verify the editor of this controller software”, select the option “Install this controller software anyway”.



If the controller is correctly installed, the printer will be displayed in the Windows devices administration panel as “MITSUBISHI USB Printer”.



Once the above steps have been completed, the printer will now be installed and ready to use. You will find the application In the Windows home menu, in:



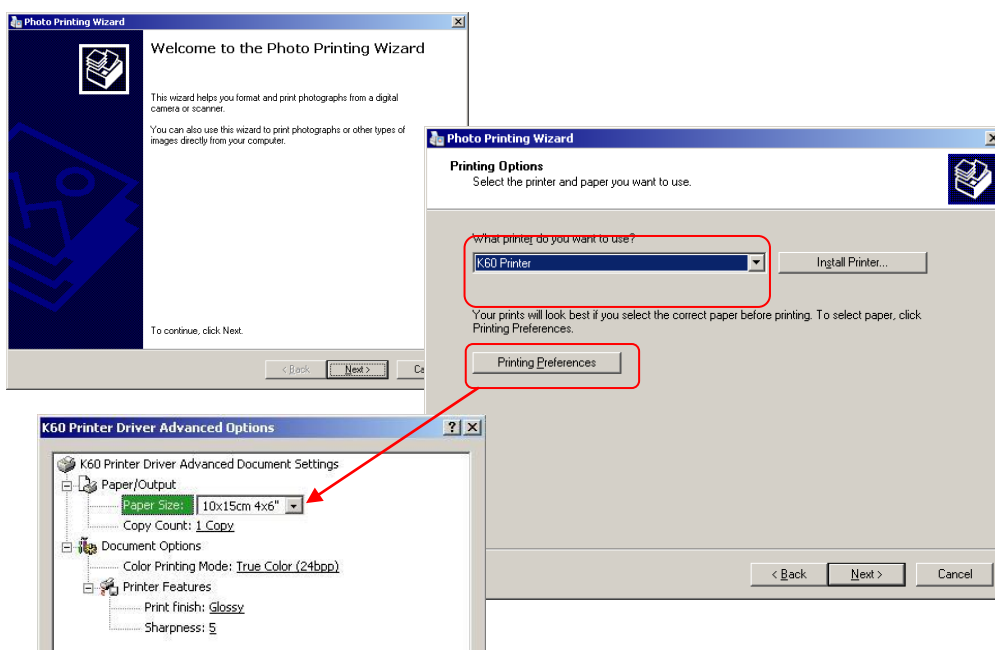
If, once installed, you connect the printer to another 2.0 USB port in your computer, you must reinstall the controller.

5. Printing of files.

Once the “MITSUBISHI Photo Suite” has been installed, you can print from any application such as a conventional printer, selecting the “K60 Printer”. You can also print from other programmes such as Adobe Photoshop ®. To do this, adjust the output parameters in accordance with the printer specifications described above.

Example of printing from the Windows assistant

Go to a folder in the system, select an image or several images and then press print. A Microsoft Windows printing assistant will appear. Follow the steps indicated by the assistant to print it.

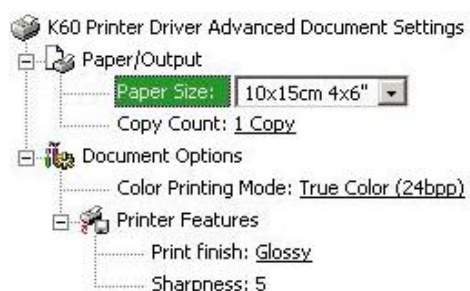


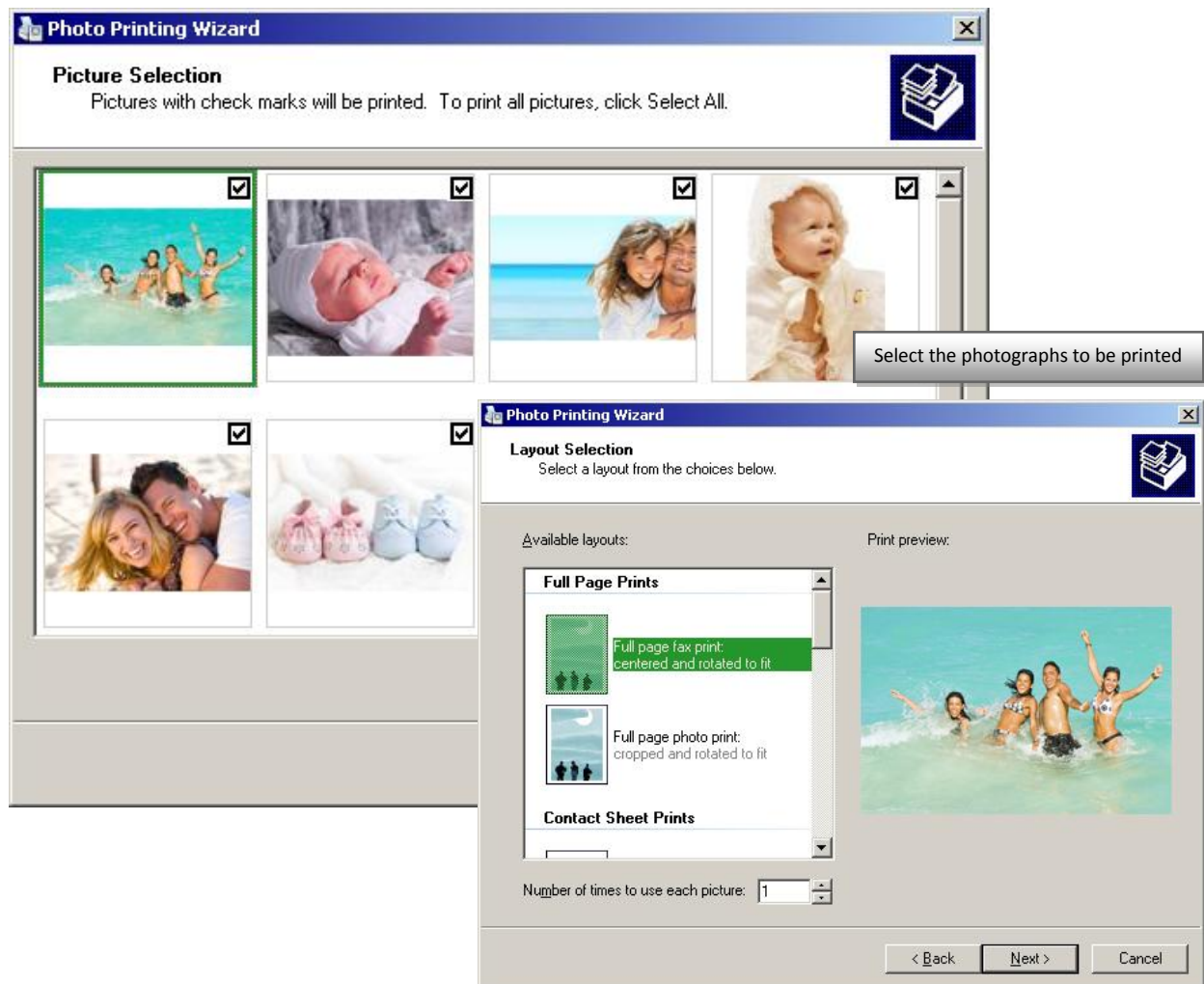
In the “K60 Printer” panel in the section “Advanced printing characteristics” the following parameters can be defined.

Paper size: You can select from among the following formats: 10x15cm / 4x6", 15x20cm / 6x8" and 13x18cm (centred on a 15x20cm) / 5x7" in 6x8".

Type of finish: You can select either a “Matte” or a “Glossy” finish.

Sharpness: Make your selection within a scale of 0 to 8.





Follow the steps indicated by the assistant to print the selected photographs.

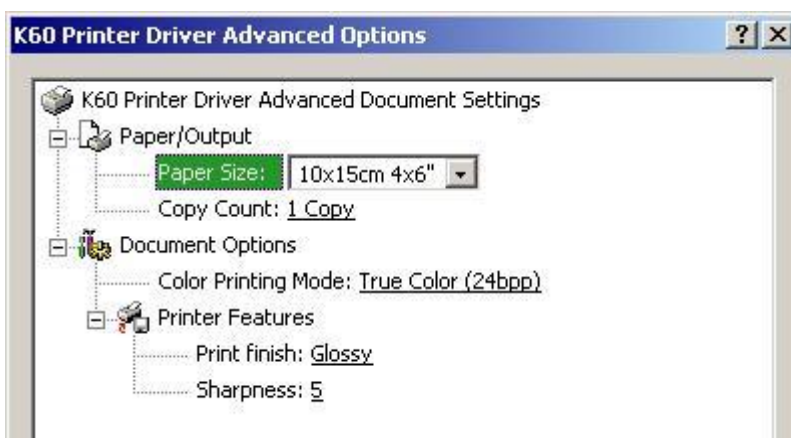
6. Advanced colour settings.

In the “K60 Printer” panel in the section “Advanced printing characteristics” the following parameters can be defined.

Paper size: You can select from among the following formats: 10x15cm / 4x6”, 15x20cm / 6x8” and 13x18cm (centred on a 15x20cm) / 5x7” in 6x8”.

Type of finish: You can select either a “Matte” or a “Glossy” finish.

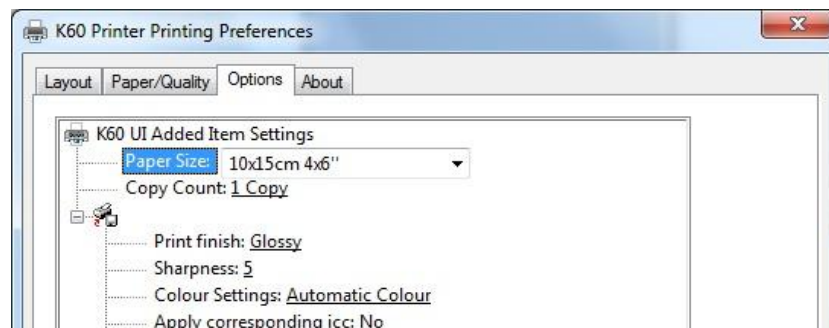
Sharpness: Make your selection within a scale of 0 to 8.



Colour settings: You can choose between the following options: **Automatic** (pre-determined) and **Manual**.

Automatic colour settings: This setting uses the predetermined colour curve but without using an icc profile. It is recommended for printing photos taken by amateurs.

Apply associated icc: You can choose between **No** (predetermined) and **Yes**. If checking the option **Yes** it allows you to apply an associated icc to the colour curve that is predetermined. Currently no icc profile is associated with the predetermined colour curve.

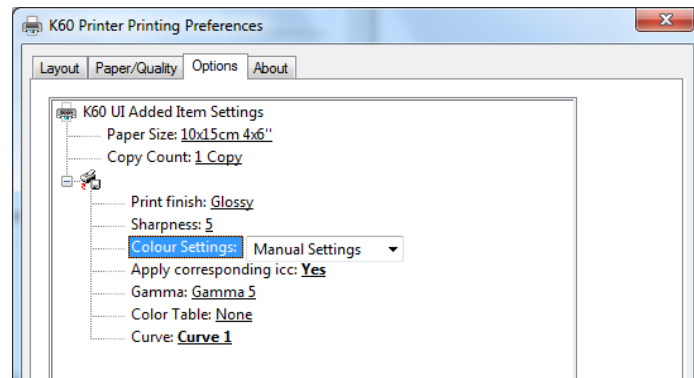


Manual colour settings: The manual colour settings enable the following parameters:

- **Gamma:** You can select from among different gamma values. To use the colour curve with the ICC provided by Mitsubishi Electric, select Gamma5.
- **Colour Chart:** You can select one of two values, “Chart0” and “None”. To use the colour curve with the ICC provided by Mitsubishi Electric, select “None”

To obtain the best results, combine “Chart0” and “Gamma1”

- **Curve:** You can select different Curves. “**Predetermined**”, “**Curve 1**” “**Curve 2**”... If selecting the “**Predetermined**” curve this setting uses the same curve as that used in the **Automatic** mode. The other curves available use different CPG files.



When changing automatic colour settings to manual, the predetermined values are changed to use an ICC profile and CPG file combination.

To print studio photographs it is advisable to use the following settings:

- **Apply associated icc:** Yes
- **Gamma:** Gamma5
- **Colour chart:** None
- **Curve:** Curve 1

When the **manual** mode is active, you can use other ICC profiles. When using other ICC profiles, all settings associated with the K60 printer ICC are overwritten.

7. Uninstalling.

To correctly uninstall the “MITSUBISHI Photo Suite” solution stop or cancel all printing jobs in progress. Then go to “Home Menu”, “All programmes”, “MITSUBISHI Photo Suite” and select “Uninstall” and then follow the uninstaller assistant instructions to complete the process. Once the process has been completed, the “MITSUBISHI Photo Suite” will be completely uninstalled from your computer.

Starting with the Mitsubishi Photo Suite 1.1 version, use the same installer to uninstall the previous versions. During the installation process, the existence of previous versions will be verified and the uninstalling process will automatically be executed.



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